

Appropriations Request Form  
Friday, 13 February 2009

**APPROPRIATIONS REQUEST FORM**  
**OREGON HOUSE DELEGATION**  
**FISCAL YEAR 2010**

**DEADLINE FOR SUBMISSION: FEBRUARY 13, 2009**

**PLEASE NOTE: As required by the House Appropriations Committee, all requests will be made public on the requesting Member's website.**

1. Project Title: Wave Power Project at Reedsport, Oregon

2. Organization Name and address:

Ocean Power Technologies, 1590 Reed Road, Pennington, NJ, 08534

3. Primary Contact name, phone number, mobile phone number, fax number and email:

Herbert T. Nock, Ph: 609-730-0400 x257, : Fax 609-730-0404,  
hnock@oceanpowertech.com

4. Project Location Address (if different from Organization):

Reedsport, Oregon

5. Please describe the requesting organization's main activities, and whether it is a public, private non-profit, or private for-profit entity:

Ocean Power Technologies, Inc. (OPT) is a US incorporated public company and leading supplier of wave energy conversion technology. OPT is presently developing utility grade wave power stations for the US, Britain, Scotland, Spain, and Australia. Having developed our technology since 1994, we have more ocean hours of experience and more positive environmental impact studies than any other known supplier. The primary product of OPT is the PowerBuoy and undersea electrical infrastructure to interconnect to the onshore power grid. These products are patented and are scalable to produce large amounts of electricity. OPT plans to deploy PowerBuoys in wave parks scalable to 100's of MW's in the near future.

6. Briefly describe the activity or project for which funding is requested (please keep to 500 words or less.)

As the first utility scale wave power project in the US, the Wave Power Project at Reedsport, OR,

will initially install one PowerBuoy 2.5 miles off the coast. OPT has finalized fabrication specifications and will soon begin the manufacture in Oregon of the PowerBuoy. Once the PowerBuoy is manufactured, there will be added expenses. These added expenses (project) will be for mooring manufacture and deployment, PowerBuoy deployment, plus manufacture and deployment of the undersea electrical infrastructure connection to the onshore power grid. These activities will be performed by Oregon companies in coastal communities and in Portland where appropriate.

7. Has this project received federal appropriations funding in past fiscal years? Yes

7a. If yes, please provide fiscal year, Department, Account, and funding amount of any previous funding.

OPT has received a Department of Energy Grant, DE-FG36-08GO88017, which was the result of a 2008 appropriation of \$2.0 million. This funding is being used to employ Oregon firms to manufacture the PowerBuoy used in this project and conduct out-of-water factory testing of the entire PowerBuoy assembly.

8. Federal agency and account from which funds are requested (Please be specific –e.g. Department of Housing and Urban Development, Economic Development Initiatives account):

We are requesting these funds through the Department of Energy.

9. What is the purpose of the project? Why is it a valuable use of taxpayer funds? How will the project support efforts to improve the economy and create jobs in Oregon?

This project will demonstrate that wave power will provide specific benefits including renewable energy and needed jobs in coastal communities. OPT has participated in a collaborative public policy and private industry initiative in Oregon. Under the leadership of the Governor, OPT is working with state and federal agencies to develop both demonstration and commercial wave power plants with 150 MW's of projects under discussion. The Reedsport Project is a critical first step in this process and has been the subject of an extensive licensing process - involving many Oregon stakeholders - which will soon be completed with the formal filing of a license application to FERC and anticipated receipt of a final license later this year.

This project will install a PowerBuoy (fabricated in Oregon), build and install the mooring system, plus build and install the undersea electrical transmission system to shore at Reedsport, Oregon. The Project will utilize Oregon manufacturers and service providers on the coast and in Portland. We estimate that approximately 40 jobs plus equipment and materials will be created in 2010.

This project can also demonstrate that commercial development and development of University-based knowledge are complimentary. Oregon State University (OSU) receives separate appropriations to become a Department of Energy Marine Center of Excellence. This public investment will be advanced by OSU's ability to conduct marine research on our deployed Reedsport PowerBuoy.

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Knowledge and experience gained at Reedsport will help the West Coast of the US become a global leader in renewable wave energy development.

10. Have you requested funding for this project from other Members of Congress?  
If so, who?

Congressman Wu

11. Funding Details:

a. Total project cost (all funding sources and all years): \$8.0 million  
FY08 Appropriation \$2 million; funding from OPT and other non-federal sources \$2 million; FY10 Request \$4 million.

b. Amount being requested for this project in Fiscal Year 2010: \$4 million

c. What other funding sources (local, regional, state) are contributing to this project or activity?  
(Please provide specific dollar amount or percentage.)  
PNGC Power \$510,000.

d. Do you expect to request federal funding in future years for this project? No

e. Breakdown/budget of the amount you are requesting for this project in FY 2010.  
(e.g. salary \$40,000; computer \$3,000):

Manufacture and deployment of moorings	\$1.8 million
Deployment of PowerBuoy	\$0.5 million
<u>Manufacture and deployment of electrical infrastructure</u>	<u>\$1.7 million</u>
Total	\$4.0 million

This total includes salaries for approximately 40 people.

f. Please list public or private organizations that have supported/endorsed this project:  
Oregon Secretary of State, Oregon State Treasurer, Oregon State Legislatures representing coastal communities, Sause Brothers, and PNGC Power

g. Is this project scalable? (i.e. if partial funding is awarded, will the organization be able to use the funds in FY 2010?): Yes, we will be able to utilize partial funding in :

**Please return this form no later than February 13, 2009 (via email) to:**

**[appropriations.blumenauer@mail.house.gov](mailto:appropriations.blumenauer@mail.house.gov)**

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